



Windows 10 is Stealing your Internet Bandwidth

The feature, known as [Windows Update Delivery Optimization \(WUDO\)](#), is initially designed to help users get faster software updates, which is quite a good idea to handle massive internet traffic of up to 40 Terabits per second (TBps).

Windows Update Delivery Optimization: FAQ

Applies to Windows 10

Windows Update Delivery Optimization lets you get Windows updates and Windows Store apps from sources in addition to Microsoft. This can help you get updates and apps more quickly if you have a limited or unreliable Internet connection. And if you own more than one PC, it can reduce the amount of Internet bandwidth needed to keep all of your PCs up-to-date. Delivery Optimization also sends updates and apps from your PC to other PCs on your local network or PCs on the Internet.

Delivery Optimization is turned on by default in Windows 10.

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▼ How does Delivery Optimization work?

Delivery Optimization works in two ways.

Download updates and apps from other PCs

In addition to downloading updates and apps from Microsoft, Windows will get updates and apps from other PCs that already have them. You can choose which PCs you get these updates from:

PCs on your local network. When Windows downloads an update or app, it will look for other PCs on your local network that have already downloaded the update or app using Delivery Optimization. Windows then downloads parts of the file from those PCs and parts of the file from Microsoft. Windows doesn't download the entire file from one place. Instead, the download is broken down into smaller parts. Windows uses the fastest, most reliable download source for each part of the file.

PCs on your local network and PCs on the Internet. Windows uses the same process as when getting updates and apps from PCs on your local network, and also looks for PCs on the Internet that can be used as a source to download parts of updates and apps.

Send updates and apps to other PCs

When Delivery Optimization is turned on, your PC sends parts of apps or updates that you've downloaded using Delivery Optimization to other PCs on your local network, or on the Internet, depending on your settings.

WUDO works a lot like torrents work. Your computer running Windows 10 is used as part of a peer-to-peer network to deliver software updates faster to others, each person distributing a little bit of the files across multiple computers and helping everyone download updates quickly.

But, this peer-to-peer sharing method offered by Windows 10 is using your precious Internet bandwidth, without hinting you about it, because the feature is enabled by default in Windows 10 Home and Pro edition. WUDO is also enabled in Windows 10 Enterprise and Education, but only for the local network.

How to Disable Windows Update Delivery Optimization (WUDO)?

You can disable the feature, but the option is buried deep in the Settings menu for Windows Update.

o turn this feature OFF, follow these given steps:

- Go to Settings in the Start menu
- Search for Update & Security
- Under Windows Update, open Advanced Options
- Under Choose How Updates are Installed, select Choose how updates are delivered
- Disable the toggle under Updated from More than One Place

The feature is a good idea to speed up software updates, but enabling it by default without the knowledge of users is probably not at all a great idea.

In a statement, a Microsoft said that the feature "helps people get updates and apps more quickly if they have a limited or unreliable internet connection" and that it "doesn't slow down your internet connection" because it uses a "limited portion" of idle upload bandwidth.